



City of Huntington Beach
Department of Planning & Building
2013 CEES Fenestration Requirements
(Change-outs)

2000 Main Street, Huntington Beach, CA 92648
Office: (714) 536 - 5241 Fax: (714) 374 - 1647

U-Factor:

- U-Factor measures how well a product prevents heat from escaping a home or building. U-Factor ratings generally fall between 0.20 and 1.20. The lower the U-Factor, the better a product is at keeping heat in. U-Factor is particularly important during the winter heating season. This label displays U-Factor in U.S. units. Labels on products sold in markets outside the United States may display U-Factor in metric units.

Solar Heat Gain Coefficient:

- Solar Heat Gain Coefficient (SHGC) measures how well a product blocks heat from the sun. SHGC is expressed as a number between 0 and 1. The lower the SHGC, the better a product is at blocking unwanted heat gain. Blocking solar heat gain is particularly important during the summer cooling season.

Fenestration Requirements for alterations; replacement windows:

[150.2(b)1B exception 1]

- Window replacement not exceeding 75 square feet in aggregate area:
 - U-Factor: no greater than 0.40
 - SHGC: no greater than 0.35

[150.2(b)1B; 150.1(c)3A; Table 150.1-A]

- Window replacement exceeding 75 square feet in aggregate area:
 - U-Factor: 0.32
 - SHGC: no greater than 0.25

Fenestration Requirements for alterations; replacement skylights:

[150.2(b)1B exception 2]

- U-Factor: 0.55
- SHGC: 0.30